

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~strikethrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please AMEND the claims in accordance with the following:

1. (Currently Amended) A document information input apparatus for recognizing information in a real document and inputting said information recognized to a document displayed by a computer, comprising:

a designating part designating an area to be processed in said real document and an attribute of the area, the area and the attribute specified by a user manipulating a designating device;

a detecting part detecting said area to be processed designated by said designating part;

a reading part reading an image of said area to be processed;

a character recognition part recognizing said image of the area to be processed as text information; and

a pasting part pasting a result of said character recognition part to a pertinent position of said document displayed by the computer.

2. (original) The document information input apparatus as claimed in claim 1, further comprising an attribute determining part determining which attribute said area to be processed has among a text attribute, a table attribute and a figure attribute when said detecting part detects said area to be processed.

3. (original) The document information input apparatus as claimed in claim 2, wherein said attribute determining part determines said area to be processed as one of said text attribute, said table attribute and said figure attribute based on an area designated by said designating part.

4. (original) The document information input apparatus as claimed in claim 2, wherein said attribute determining part determines said area to be processed as one of said text attribute, said table attribute and said figure attribute based on a movement of said designating

part.

5. (original) The document information input apparatus as claimed in claim 2, wherein said attribute determining part, when said attribute determining part determines said area to be processed as the text attribute, further determines a mode designated by said designating part, said mode for recognizing said area to be processed as text information.

6. (original) The document information input apparatus as claimed in claim 2, wherein said detecting part, when said attribute determining part determines that said area to be processed has the table attribute and a position designated by said designating part is within a cell, detects an area including said cell as said area to be processed and wherein said detecting part, when said attribute determining part determines that said area to be processed has the table attribute and the position designated by said designating part is outside any cell, detects an area including a character sequence within a predetermined distance from said position as said area to be processed.

7. (Currently Amended) A document information input method for recognizing information in a real document and inputting said information recognized to a document displayed by a computer, comprising ~~the steps of~~:

designating an area to be processed in said real document and an attribute of the area, the area and the attribute specified by a user manipulating a designating device;

detecting said area to be processed;

reading an image of said area to be processed;

recognizing said image of the area to be processed as text information; and

pasting a result of said ~~step of~~ recognizing said image to a pertinent position of said document displayed by the computer.

8. (Currently Amended) The document information input method as claimed in claim 7, further comprising ~~a step of~~ determining which attribute said area to be processed has among a text attribute, a table attribute and a figure attribute when said area to be processed is detected.

9. (original) The document information input method as claimed in claim 8, wherein said area to be processed is determined to have one of said text attribute, said table attribute and

said figure attribute based on an area designated.

10. (original) The document information input method as claimed in claim 8, wherein said area to be processed is determined to have one of said text attribute, said table attribute and said figure attribute based on how said area to be processed is designated.

11. (original) The document information input method as claimed in claim 8, wherein said area to be processed, when said area to be processed is determined as the text attribute, is further determined to have a mode designated, said mode for recognizing said area to be processed as text information.

12. (original) The document information input method as claimed in claim 8, wherein said area to be processed, when said area to be processed is determined to have the table attribute and a position designated is within a cell, is detected from an area including said cell and wherein said area to be processed, when said area to be processed is determined to have the table attribute and the position designated is outside any cell, is detected from an area including a character sequence within a predetermined distance from said position.

13. (currently amended) A computer-readable medium storing a document information input program for recognizing information in a real document and inputting said information recognized to a document displayed by a computer, the program causing the computer to execute the steps of:

designating an area to be processed in said real document and an attribute of the area, the area and the attribute specified by a user manipulating a designating device;

detecting said area to be processed;

reading an image of said area to be processed;

recognizing said image of the area to be processed as text information; and

pasting a result of said step of recognizing said image to a pertinent position of said document displayed by the computer.

14. (Currently Amended) The computer-readable medium storing document information input program as claimed in claim 13, the program further causing the computer to execute a step of determining which attribute said area to be processed has among a text attribute, a table attribute and a figure attribute when said area to be processed is detected.

15. (Currently Amended) The computer-readable medium storing document information input program as claimed in claim 14, wherein said area to be processed is determined to have one of said text attribute, said table attribute and said figure attribute based on an area designated.

16. (Currently Amended) The computer-readable medium storing document information input program as claimed in claim 14, wherein said area to be processed is determined to have one of said text attribute, said table attribute and said figure attribute based on how said area to be processed is designated.

17. (Currently Amended) The computer-readable medium storing document information input program as claimed in claim 14, wherein said area to be processed, when said area to be processed is determined as the text attribute, is further determined to have a mode designated, said mode for recognizing said area to be processed as text information.

18. (Currently Amended) The computer-readable medium storing document information input program as claimed in claim 14, wherein said area to be processed, when said area to be processed is determined to have the table attribute and a position designated is within a cell, is detected from an area including said cell and wherein said area to be processed, when said area to be processed is determined to have the table attribute and the position designated is outside any cell, is detected from an area including a character sequence within a predetermined distance from said position.

19. (Currently Amended) A document information input apparatus for recognizing information in a real document and inputting said information recognized to a document displayed by a computer. A computer readable recording medium for recording a document information input program for recognizing information in a real document and inputting said information recognized to a document displayed by a computer, the program causing the computer to execute the steps of comprising:

a controller to control the computer according to a process comprising:

designating an area to be processed in said real document and an attribute of the area, the area and the attribute specified by a user manipulating a designating device;

detecting said area to be processed;

reading an image of said area to be processed;
recognizing said image of the area to be processed as text information; and
pasting a result of said step of recognizing said image to a pertinent position of
said document displayed by the computer.

20. (Currently Amended) A computer readable recording medium for recording a
document information input program for recognizing information in a real document and inputting
said information recognized to a document displayed by a computer, the program causing the
computer to execute ~~the steps of~~:

designating an area to be processed in said real document and an attribute of the area,
the area and the attribute specified by a user manipulating a designating device;

determining which attribute said area to be processed has among a text attribute, a table
attribute and a figure attribute;

detecting said area to be processed;

reading an image of said area to be processed;

recognizing said image of the area to be processed as text information; and

pasting a result of said ~~step of~~ recognizing said image to a pertinent position of said
document displayed by the computer.